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⌘ Title: **RU2255089C1: DERIVATIVES OF GLYCOSIDES OF INDOLO[2,3-A]-PYRROLO[3,4-C]CARBAZOL-5,7-DIONES ELICITING CYTOTOXIC AND ANTITUMOR ACTIVITY**

⌘ Derwent Title: Derivatives of glycosides of indolo(2,3-a)-pyrrolo(3,4-c)carbazol-5,7-diones eliciting cytotoxic and antitumor activity [\[Derwent Record\]](#)

⌘ Country: RU Russian Federation

⌘ Kind: C1 Patent

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High
Resolution

⌘ Assignee: None

⌘ Published / Filed: 2005-06-27 / 2003-12-26

⌘ Application Number: RU2003000138259

⌘ IPC Code: IPC-7: [A61K 31/7056](#); [A61P 35/00](#); [C07H 19/23](#);

⌘ ECLA Code: None

⌘ Priority Number: 2003-12-26 RU2003000138259

⌘ Abstract: FIELD: organic chemistry, medicine, oncology. ^ SUBSTANCE: invention relates to new glycosides of indolo[2,3-a]-pyrrolo[3,4-c]carbazol-5,7-diones of the general formula (1) ^ wherein: -R1 means residue of mono- or disaccharide in pyranose form taken among the group: D-Rib, L-Ara, D-Xyl, D-Gal, D-Glc, D-Lac; -R2 means hydrogen atom, methyl group or residue of mono- or disaccharide; -R3 means hydrogen atom, hydroxyl group, amino-group or formamido-group; each -X1 and -X2 means independently of one another hydrogen atom or bromine atom under condition that they can't mean hydrogen atom simultaneously and under condition also that if R1 means disaccharide residue then R2 differs from hydrogen atom. Prepared derivatives show, in particular, cytotoxic and antitumor activity against melanoma B16 and Ehrlich tumor. ^ EFFECT: valuable medicinal properties of derivatives. ^ 3 cl, 3 tbl, 2 dwg, 8 ex

⌘ INPADOC None

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PDF	Publication	Pub. Date	Filed	Title
<input checked="" type="checkbox"/>	RU3138259A	2005-07-10	2003-12-26	
<input type="checkbox"/>	RU2255089C1	2005-06-27	2003-12-26	DERIVATIVES OF GLYCOSIDES OF INDOLO[2,3-A]-PYRROLO[3,4-C]CARBAZOL-5,7-DIONES ELICITING CYTOTOXIC AND ANTITUMOR ACTIVITY
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